

E. Remarks

In the specification, applicants have amended the first paragraph beginning on page 1, immediately following the Title, to add a reference to U.S. Application No. 09/973,529, filed October 9, 2001, from which applicants claim the benefit of priority under 35 U.S.C. § 120 and to incorporate by reference U.S. Application No. 09/973,529 and U.S. Application No. 09/686,735, filed October 10, 2000, in their entireties.

Applicants have added a new paragraph at page 6, immediately after the paragraph that begins, "Figure 4 shows measurement data . . ." to make reference to new FIG. 5.

Applicants have added a new paragraph at page 20, immediately before the paragraph that begins, "It should be understood that the preceding is merely . . ." to describe new FIG. 5.

Applicants have amended the Abstract of the Disclosure to conform the Abstract to the Guidelines For the Preparation of Patent Abstracts set forth in MPEP § 608.01(b).

Applicants have cancelled claims 1-22, and respectfully request that the cancellations be entered without prejudice.

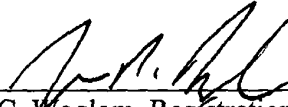
Applicants have added new claims 23-32 to particularly point out and distinctly claim subject matter that applicants regard as their invention. New claims 23-32 introduce no new matter. Upon entry of the amendments, claims 23-32 will be pending.

Applicants have added new FIG. 5 to illustrate an example of a process for estimating a formation property.

The addition of FIG. 5 introduces no new matter. The subject matter of FIG. 5 is supported by the specification and, in particular, by the features recited in cancelled claim 1, which is part of the specification.

Applicants respectfully request a prompt and favorable action.

Respectfully submitted,



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